

K-8 Technology Curriculum Scope

http://www.kto8.com/scope-sequence.php http://www.woodside.k12.ca.us/Page/1192	<div>Web Literacy</div> <div>How do you harness the power of the Web?</div>			Presentation Tools/ Digital Storytelling	Coding Computational Thinking	Basic Technology Concepts & Operations		
	<div>Global Citizenship</div> <div><ul style="list-style-type: none">Digital FootprintSocial MediaContributing</div>	<div>Navigation</div> <div><ul style="list-style-type: none">SearchingWeb MechanicsCredibilitySecurity</div>	<div>Citations</div> <div>Giving Credit</div>			iPad Skills & Computer Skills		Keyboard
Kindergarten	CHIRPS Class Twitter	Is everything on the internet real? How do you know? What’s the right question? Where do I go to find the answer?	Give Credit “I got this from…” “I found this in…”	Storybook Creator Fotobabble ShowMe	KodablePro iPad app BeeBot Robot & iPad app	1. Identify the home screen 2. Use the search screen 3. Open and close apps 4. Take photos 5. Record videos 6. Access & insert photos 7. Record narrations 8. Use drawing tools	1. Wake up the computer 2. Use a mouse 3. Use tabs to navigate to web pages 4. Adjust sound 5. Complete online assessments in math and reading	
1 st grade	Kid Blog Digital Footprint Respecting others Class Twitter CHIRPS	Online safety Is everything on the internet real? How do you know? What’s the right question? Where do I go to find the answer?	Give Credit “I got this from…” “I found this in…”	Storybook Creator Fotobabble ShowMe SimpleMind Kidspiration	KodablePro iPad app BeeBot Robot & iPad app Graphic Organizers How do I organize my information?	K skills + 1. Contribute to online class blogs 2. Download images from shared DropBox		Type to Learn JR Type to Learn 3
2 nd grade	Kid Blog Digital Footprint Respecting others Class Twitter CHIRPS	1 st Skills+ Searching databases (Library) Validating websites by images Use vetted online sites (delicious)	1 st Skills+ Cite images & sources by webpage URL, title of book & author	Storybook Creator Fotobabble ShowMe SimpleMinds Kidspiration Microsoft Word	LightBot iPad app Move the Turtle Graphic Organizers How do I organize my information?	1 st Skills + 1. Use graphic organizers 2. Navigate to websites through the use of social bookmarking sites 3. Create projects using the computer & iPad		Type to Learn 3
3 rd grade	Diigo – blogs Kid Blog Digital Footprint Respecting others Class Twitter* CHIRPS	Online safety online research using vetted sites navigate delicious (social bookmarking) Validating websites by text & images Searching databases (Library) What’s the right question? And how do I find the answer?	2 nd Skills+ Develop a Source Page for all papers and presentations Creative Commons Why do some images have watermarks? What is a copyright? What can I use and what can’t I use from the web? How do I give credit to others for their images & information?	Storybook Creator Fotobabble SimpleMinds Inspiration Microsoft Word Pages Animoto	LightBot iPad app Scratch Programing Tynker Website Graphic Organizers How do I organize my information?	2 nd Skills + 1. Create presentations using the computer 2. Use tags on social bookmarking sites to help navigate		Type to Learn 3

4 th grade	Diigo – blogs Kid Blog Digital Footprint Respecting others Class Twitter* CHIRPS	3 rd Skills + Beginning search techniques Searching databases (Library) <i>How can search the web quicker?</i>	3 rd Skills + Use symbols to correspond information to the source in document and on source page	Storybook Creator Fotobabble SimpleMinds Inspiration Microsoft Word Animoto Microsoft PowerPoint iMovie	CargoBot iPad app Scratch Programming Tynker Website Graphic Organizers <i>How do I organize my information?</i>	3 rd Skills + 1. Use tools for Word processing 2. Save work on server and retrieve files successfully	Boot Camp 30 minutes, 6 weeks
5 th grade	Digital Portfolio -google sites Email & Google Docs etiquette	1.Online safety: 2.Reading web addresses: Explaining why site chosen by URL 3.Validating websites: Which site did you like best, why?	4th Skills+ 1.Citations: Print: Title, Author, Year Published, Page # – (Book or Mag) Web: URL Short, “Title of Article” – (Web) Develop a Source Page for all papers and presentations		CargoBot iPad app Scratch programming Google sites(formatting webpage) BootStrap?? Excel	4th Skills + 1. Introduction to Google Apps – using web based programs 2.	Boot Camp 30 minutes, 6 weeks
6 th grade	Digital Portfolio -google sites Email & Google Docs etiquette Online safety -Life Skills – Cyber Bully Ask -Sophie, Hunter	1.Reading web addresses: What is the domain? Using search engines designed for MS students 2.Validating websites: Are the sites at an appropriate level?	Citation Generator (NoodleTools) Works Cited Page Using Primary Sources		Crunchzilla Website Google sites(formatting webpage) BootStrap?? Excel	5th Skills + 1. Citation Generators 2. Cloud Bookmarking (Diigo or Delicious student accounts)	Boot Camp 30 minutes, 6 weeks
7 th grade	Digital Portfolio -google sites Blogs – Good Reads <i>Blog by students for academic help</i> Email & Google Docs etiquette Online safety- Life Skills – Cyber Bully Ask -Sophie, Hunter	Focus on Bias: Finding history of website Finding Publisher of website Reading web addresses Validating websites Checking external links	Citation Generator (NoodleTools) Works Cited Page Create own media or alter web image to make own	Keynote Google Docs Criterion iMovie Prezi Animoto Glogster Digital Portfolio Academic Choice	Alice programming Lego MindStorm CargoBot Google sites(formatting webpage) BootStrap?? Excel	6th Skills + 1. 2.	
8 th grade	What is ok to share? Music, video, software	Navigate and use teacher’s website Advanced google search Use source links as starting point	Citation Generator (NoodleTools) Bibliography MLA style Use parentheses in papers	Web Based presentation tools	Crunchzilla website Google sites(formatting webpage) BootStrap?? Excel Graphing Calculator	7th Skills + 1. 2.	
Goals (End of 8 th grade)	Uses information ethically, need to contribute to materials online – global connections	Browse www using advanced techniques Craft an effective search of databases Can distinguish relevant, quality information	Respects Intellectual Property Rights Creative Commons Use & Licenses	Students can: Ask Gather Analyze Use Present		Competent with: Google Apps, Citation Generators, Mindmapping tools, Cloud Bookmarking, Tagging, Blogging, Searching Databases, Presentation Software	